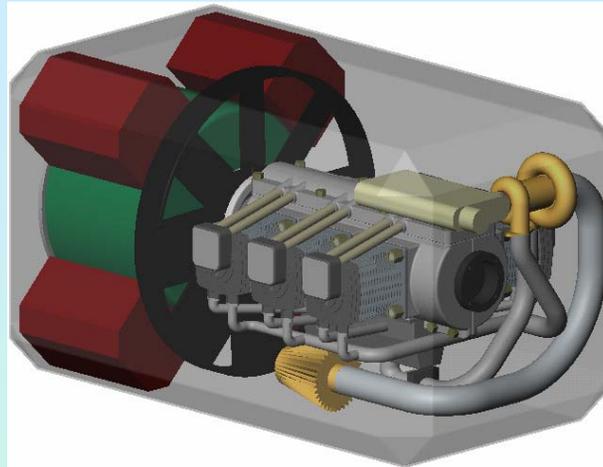


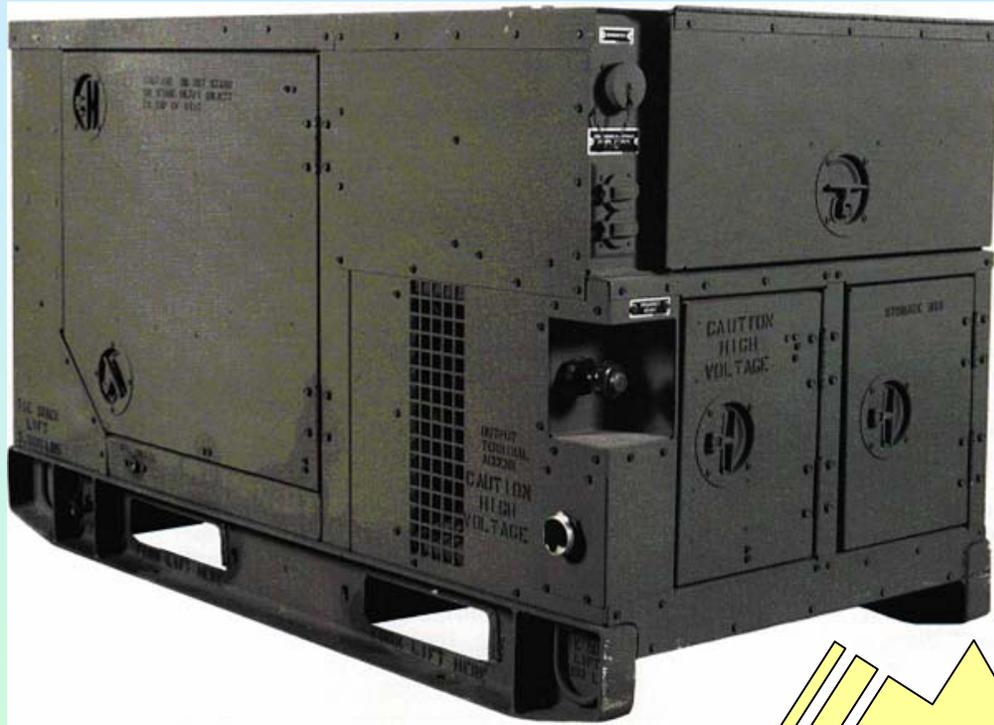
30 kW Heavy Fuel Power System / APU for Vehicles and Aircraft



36" x 18" x 18"
for 30+ kW

Objective	30 kW Heavy Fuel Power Unit
Basis	M-COTS Heavy Fuel Engine
Fuel Usable	Straight JP-8, Jet-A (No Oil, No Additives)
Output	Selectable DC / 110 V AC / 400 Hz AC
Power Goal	Can be Scaled from 15 kW to 100 kW
Status of Project	Concept. Ready for Development.
Comments	Can Use Proven Technologies from 6.6 hp 4-stroke M-COTS Prototype Heavy Fuel Engine.

30 kW Heavy Fuel Power System : Conventional vs. D-STAR Technology



Conventional Technology
10 kW
Tactical Quiet Generator Set
by Libby Corp.
62" x 32" x 37"
1140 lbs.

**10x
Power
Density**

D-STAR Technology
30+ kW
(Scalable to 100+ kW)
Omni-Voltage, Heavy Fuel
Generator Set / APU / HPU
36" x 18" x 18"
(Can have Other Shapes)
≈ 200 lbs
25% More Fuel Efficient

